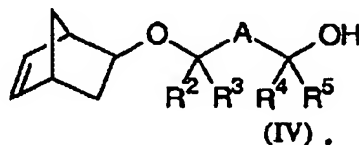


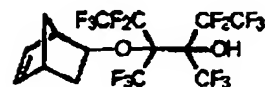
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16(original). The compound of claim 2 comprising the following structure:

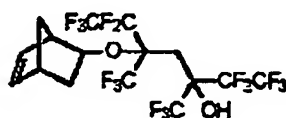


17(original). The compound of claim 16, wherein A is a single bond or any linear or branched alkyl group having 1 to 6 carbons, or fluorinated alkyl group having 1 to 15 carbons, or cycloalkyl group having 4 to 6 carbons, or fluorinated cycloalkyl group having 4 to 6 carbons, and wherein R<sup>2</sup> is a hydrogen atom, a fluorine atom, an alkyl group having 1 to 6 carbons, a fluorinated alkyl group having 1 to 6 carbons, a cycloalkyl group having 4 to 6 carbons, or a fluorinated cyclo alkyl group having 4 to 6 carbons, and R<sup>3-5</sup> are each independently a fluorinated alkyl group having 1 to 3 carbons or a fluorinated cycloalkyl group having 1 to 3 carbons.

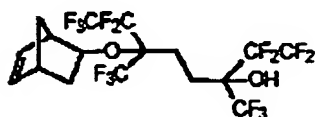
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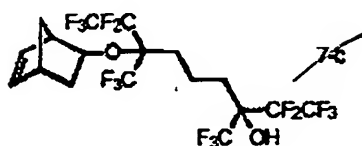
4-bicyclo[2.2.1]hept-5-en-2-yloxy-3,4-bis(trifluoromethyl)-1,1,1,2,2,5,5,6,6,6-decafluorohexan-3-ol



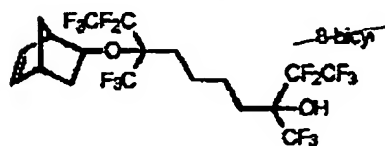
5-bicyclo[2.2.1]hept-5-en-2-yloxy-3,5-bis(trifluoromethyl)-1,1,1,2,2,6,6,7,7,7-decafluoroheptan-3-ol



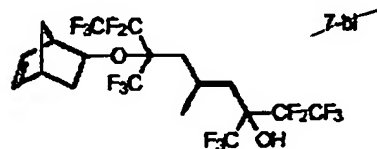
6-bicyclo[2.2.1]hept-5-en-2-yloxy-3,6-bis(trifluoromethyl)-1,1,2,2,7,7,8,8,8-nonafluorooctan-3-ol



7-bicyclo[2.2.1]hept-5-en-2-yloxy-3,7-bis(trifluoromethyl)-1,1,1,2,2,8,8,9,9,9-decafluorononan-3-ol

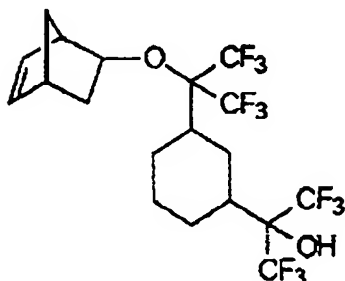


8-bicyclo[2.2.1]hept-5-en-2-yloxy-3,8-bis(trifluoromethyl)-1,1,1,2,2,9,9,10,10,10-decafluorodecan-3-ol

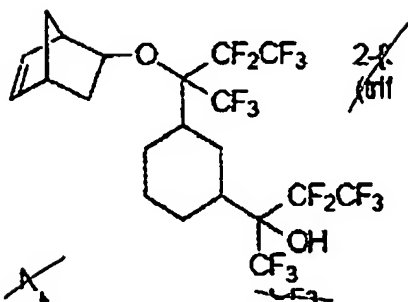


7-bicyclo[2.2.1]hept-5-en-2-yloxy-3,7-bis(trifluoromethyl)-1,1,1,2,2,8,8,9,9,9-decafluoro-5-methylnonan-3-ol

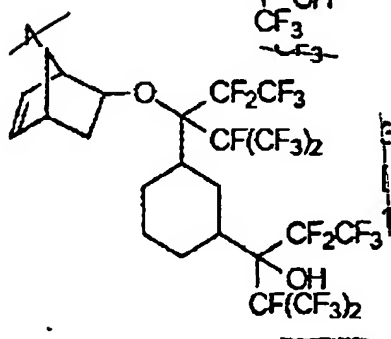
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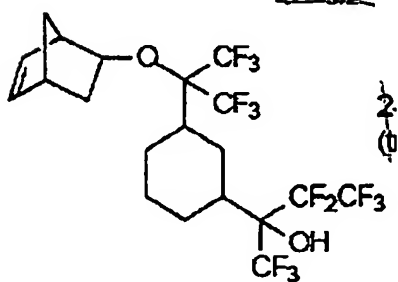
2-{3-[1-bicyclo[2.2.1]hept-5-en-2-yloxy-  
2,2,2-trifluoro-1-  
(trifluoromethyl)ethyl]cyclohexyl}-  
1,1,1,3,3,3-hexafluoropropan-2-ol



2-{3-[1-bicyclo[2.2.1]hept-5-en-2-yloxy-  
2,2,3,3,3-pentafluoro-1-  
(trifluoromethyl)propyl]cyclohexyl}-  
1,1,1,3,3,4,4,4-octafluorobutan-2-ol

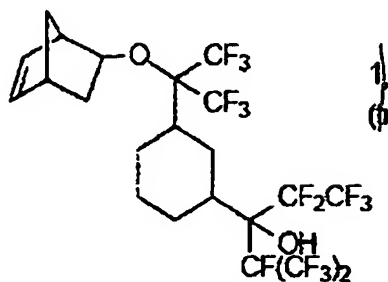


3-(3-[1-bicyclo[2.2.1]hept-5-en-2-yloxy-  
2,2,3,3,3-pentafluoro-1-[1,2,2,2-  
tetrafluoro-1-  
(trifluoromethyl)ethyl]propyl]cyclohexyl)-  
1,1,1,2,4,4,5,5,5-nonafluoro-2-  
(trifluoromethyl)pentan-3-ol

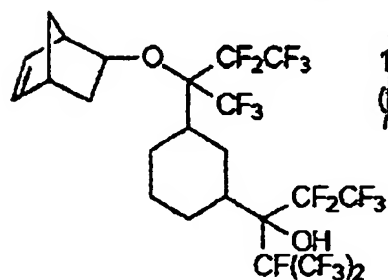


2-{3-[1-bicyclo[2.2.1]hept-5-en-2-yloxy-  
2,2,2-trifluoro-1-  
(trifluoromethyl)ethyl]cyclohexyl}-  
1,1,1,3,3,4,4,4-octafluorobutan-2-ol

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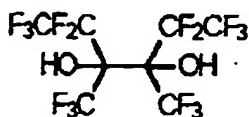


3-{3-[1-(Bicyclo[2.2.1]hept-5-en-2-yloxy)-2,2,2-trifluoro-1-trifluoromethyl-ethyl]-cyclohexyl}-1,1,1,2,2,4,5,5,5-nonafluoro-4-trifluoromethyl-pentan-3-ol

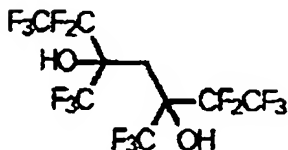


3-{3-[1-(Bicyclo[2.2.1]hept-5-en-2-yloxy)-2,2,3,3,3-pentafluoro-1-trifluoromethyl-propyl]-cyclohexyl}-1,1,1,2,2,4,5,5,5-nonafluoro-4-trifluoromethyl-pentan-3-ol

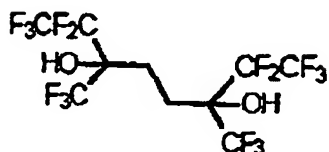
Appl. No. 10/784,377



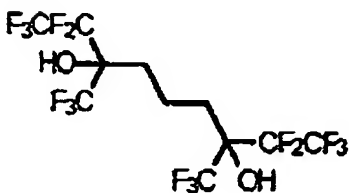
3,4-bis(trifluoromethyl)-1,1,1,2,2,5,5,6,6,6-decafluorohexane-3,4-diol



3,5-bis(trifluoromethyl)-1,1,1,2,2,6,6,7,7,7-decafluoroheptane-3,5-diol



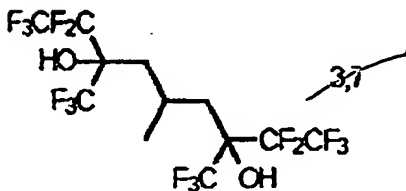
3,6-bis(trifluoromethyl)-1,1,1,2,2,7,7,8,8,8-nonafluorooctane-3,6-diol



3,7-bis(trifluoromethyl)-1,1,1,2,2,8,8,9,9,9-decafluorononane-3,7-diol

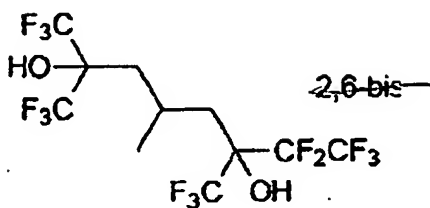


3,8-bis(trifluoromethyl)-1,1,1,2,2,9,9,10,10,10-decafluorodecane-3,8-diol

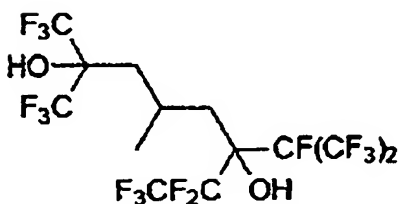


3,7-bis(trifluoromethyl)-1,1,1,2,2,8,8,9,9,9-decafluoro-5-methylnonane-3,7-diol

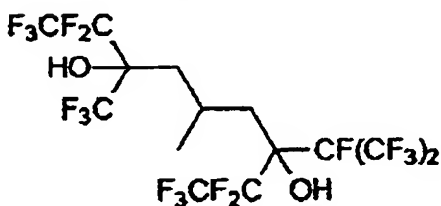
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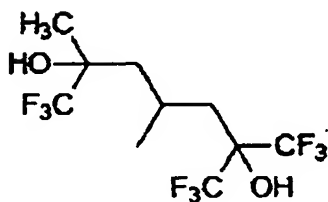
2,6-bis(trifluoromethyl)-1,1,1,7,7,8,8,8-octafluoro-4-methyloctane-2,6-diol



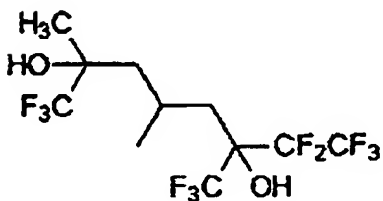
1,1,1,7,7,8,8,8-octafluoro-4-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-2-(trifluoromethyl)octane-2,6-diol



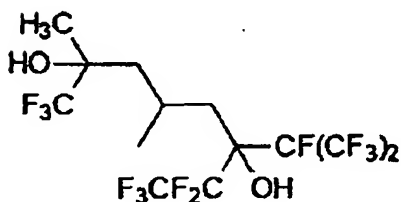
1,1,1,2,2,8,8,9,9,9-decafluoro-5-methyl-3-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-7-(trifluoromethyl)nonane-3,7-diol



1,1,1,7,7,7-hexafluoro-2,4-dimethyl-6-(trifluoromethyl)heptane-2,6-diol

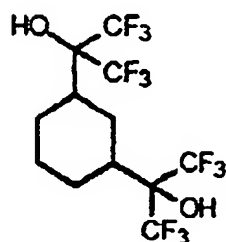


1,1,1,7,7,8,8,8-octafluoro-2,4-dimethyl-6-(trifluoromethyl)octane-2,6-diol

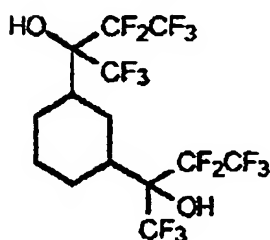


1,1,1,7,7,8,8,8-octafluoro-2,4-dimethyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]octane-2,6-diol

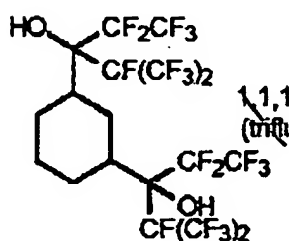
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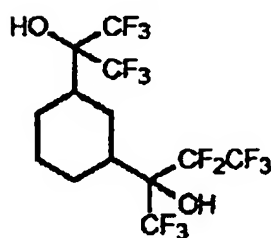
1,1,1,3,3,3-hexafluoro-2-(3-[2,2,2-trifluoro-1-hydroxy-1-(trifluoromethyl)ethyl]cyclohexyl)propan-2-ol



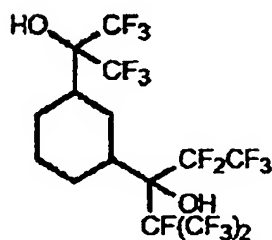
1,1,1,3,3,4,4,4-octafluoro-2-(3-[2,2,3,3,3-pentafluoro-1-hydroxy-1-(trifluoromethyl)propyl]cyclohexyl)butan-2-ol



1,1,1,2,4,4,5,5,5-nonafluoro-3-(3-(2,2,3,3,3-pentafluoro-1-hydroxy-1-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)propyl)cyclohexyl)-2-(trifluoromethyl)pentan-3-ol



1,1,1,3,3,4,4,4-octafluoro-2-(3-[2,2,2-trifluoro-1-hydroxy-1-(trifluoromethyl)ethyl]cyclohexyl)butan-2-ol



1,1,1,2,2,4,5,5,5-nonafluoro-3-(3-[2,2,2-trifluoro-1-hydroxy-1-(trifluoromethyl)ethyl]cyclohexyl)-4-(trifluoromethyl)pentan-3-ol